

FOS CDR RID Report

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Document FOS

RID ID	CDR	3 0
Review	FOS	
Originator Ref	EC007	
Priority	2	

Section

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Figure Table

Category Name CMS Design

Actionee ECS

Sub Category

Related RIDs

Subcategory ID

Subject ATC loading - overwriting of safemode commands

Description of Problem or Suggestion:

Current design for ATC uploads could result in a lack of safemode commands on-board the spacecraft. [Note: If the first 4K "chunk" of ATC load overwrites the on-board safemode commands, and then the remainder of the load cannot be accomplished, the spacecraft could be left in an unsafe configuration]

Originator's Recommendation

Change the design for ATC loads to no overwrite on-board safemode commands before a complete new ATC load in on-board.

GSFC Response by:

GSFC Response Date

HAIS Response by: J. Kuntz

HAIS Schedule

HAIS R. E. Scott Carter

HAIS Response Date 11/3/95

The FOS design will be modified to prevent overwriting the safemode commands until the entire load has been successfully uplinked. The FOS will schedule the 4K "chunk" that overwrites the safe commands as the last "chunk" to be uplinked.

Status Closed

Date Closed 11/14/95

Sponsor Johns

Attachment if any
